

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2988	(horizontal near parit\$3) and ((short\$ reduc\$) near (cod\$ row))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:49
		((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) and (horizontal near parit\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:24
		(CIRC CIRS "cross-interleaved reed-solomon coding)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:13
		(uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj (error errors	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:42
		(error adj correction) and (reed-solomon)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 13:54
S2	134	714/756.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/26 12:59
S3	1048	(c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outer) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/03 14:04

## EAST Search History

S4	124	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and uncorrectable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/26 13:40
S5	3136	uncorrectable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/26 13:40
S6	2594	uncorrectable with error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/26 13:41
S7	739	( uncorrectable with error) and (product concatenated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:38
S8	668	(( uncorrectable with error) and (product concatenated)) and (algorithm step steps)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 11:57

## EAST Search History

S9	25	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outer) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((algorithm step steps) with (uncorrectable with error))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/11/26 14:13
S10	670	((uncorrectable with error) and (product concatenated)) and (algorithm step steps)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 11:58
S11	2518	(uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj (error errors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:17
S12	2245	((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:19
S13	1093	((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:21
S14	0	((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and "714".ccs.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:20

## EAST Search History

S15	0	(((((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and "714".cls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:20
S16	2518	(uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:22
S17	128	(((((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:31
S18	450	(((((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword code-word (code adj word) (data adj word) dataword data-word (digital adj word) digital-word)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:35
S19	622	(((((uncorrected un-corrected incorrect incorrected in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword code-word (code adj word) (data adj word) dataword data-word (digital adj word) digital-word codeblock code-block (code adj block) (data adj block) datablock data-block (digital adj block) digital-block)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:36

## EAST Search History

S20	215	((((uncorrected un-corrected incorrect incorrect in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword code-word (code adj word) (data adj word) dataword data-word (digital adj word) digital-word codeblock code-block (code adj block) (data adj block) datablock data-block (digital adj block) digital-block)) and (uncorrectable with error) and (product concatenated)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:38
S21	1	((((((uncorrected un-corrected incorrect incorrect in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword code-word (code adj word) (data adj word) dataword data-word (digital adj word) digital-word codeblock code-block (code adj block) (data adj block) datablock data-block (digital adj block) digital-block)) and ((uncorrectable with error) and (product concatenated))) and (dsv DSV)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:40
S22	68	((((((uncorrected un-corrected incorrect incorrect in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword code-word (code adj word) (data adj word) dataword data-word (digital adj word) digital-word codeblock code-block (code adj block) (data adj block) datablock data-block (digital adj block) digital-block)) and ((uncorrectable with error) and (product concatenated))) and (CD compact-disc (compact adj disc) cd compact-disc (compact adj disk))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:42

## EAST Search History

S23	215	((((uncorrected un-corrected incorrect incorrect in-correct in-corrected uncorrectable un-correctable non-fixable nonfixable) adj errors) and (flag flagged flagging mark marking marked tag tagged tagged detected detection detects detect)) and (threshold thres-hold limit thrushold thrus-hold)) and (codeword code-word (code adj word) (data adj word) dataword data-word (digital adj word) digital-word codeblock code-block (code adj block) (data adj block) datablock data-block (digital adj block) digital-block)) and ((uncorrectable with error) and (product concatenated))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/02 14:43
S24	1052	(c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2002/12/03 14:12
S25	124	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and uncorrectable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/12/03 14:12

## EAST Search History

S26	44	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outer) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and uncorrectable) and (erasure erasures)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/12/03 14:13
S27	2	"6415411".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/06 14:03
S28	3484	(error adj correction) and (reed-solomon CIRS "cross-interleaved reed-solomon")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:04
S29	2	"5589994".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/06 14:04
S30	2	"5589994".pn. and (C1 C2 error correction reed-solomon CIRS CIRC cross-interleaved reed-solomon CD DVD threshold limit "c.sub.1" "c.sub.2" inner outer outer P encoder code coder encoded encoding coded coding Q)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:13
S31	15001	CIRC CIRS "cross-interleaved reed-solomon coding"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:13
S32	15341	(CIRC CIRS "cross-interleaved reed-solomon coding") ((C1 C2) near (error))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:16

## EAST Search History

S33	54	(CIRC CIRS "cross-interleaved reed-solomon coding") and ((C1 C2) near (error))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:17
S34	15001	CIRC CIRS "cross-interleaved reed-solomon coding"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:17
S35	4282	CIRC "cross-interleaved reed-solomon coding"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/05/06 14:17
S36	2956995	error\$2 near (row and column) near correct\$4 detect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 13:33
S37	54	error near (row and column) near (correct\$4 detect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:57
S38	0	(error near (row and column) near (correct\$4 detect\$3)) with threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:13
S39	5	(error near (row and column) near (correct\$4 detect\$3)) and threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:13
S40	0	(error near (row and column) near (correct\$4 detect\$3)) and 714/704. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:57
S41	2	(error near (row and column) near (correct\$4 detect\$3)) and 714/746. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:57
S42	3	(error near (row and column) near (correct\$4 detect\$3)) and 714/770. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:58



## EAST Search History

S43	3	(error near (row and column) near (correct\$4 detect\$3)) and 714/761. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/02/04 14:58
S44	1744	(c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outer) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:04
S45	27	picket near (cod\$3 encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 19:05
S46	29	picket near (cod\$3 encod\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:05
S47	60565	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 19:12
S48	62880	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:13
S49	3655	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) with (additional multi\$layer \$layer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:14
S50	481	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) with (additional multi\$layer \$layer)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:14

## EAST Search History

S51	658	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) with (additional multi\$layer \$layer)) and ((reduc\$5 short\$7) near (code block data row column))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:15
S52	20	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) with (additional multi\$layer \$layer)) and ((reduc\$5 short\$7) near (code block data row column)) and (horizontal near parit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:16
S53	8	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) with ((additional multi\$layer \$layer)) with (horizontal near parit\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:17
S54	13	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) and ((additional multi\$layer \$layer)) with (horizontal near parit\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:24
S55	190	(error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3) and (horizontal near parit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:24
S56	190	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) and (horizontal near parit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:24
S57	83	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) same (horizontal near parit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:35
S58	20	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) same (horizontal near parit\$3)).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:25
S59	44	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) same (horizontal near parit\$3)) and (additional)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:31

## EAST Search History

S60	0	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) same ((horizontal near parit\$3) with (additioan!))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:32
S61	8	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) same ((horizontal near parit\$3) with (additional))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:33
S62	13	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) and ((horizontal near parit\$3) with (additional))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:33
S63	0	S62 not S55	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:33
S64	5	S62 not S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:33
S65	7	((error near (correct\$3 detect\$3)) with (encod\$3 cod\$3 decod\$3)) same ((horizontal near parit\$3)) and ((short\$ reduc\$) near (code row))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:48
S66	5	((horizontal near parit\$3) and ((short\$ reduc\$) near (row))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:53
S67	8	((horizontal row) near parit\$3) same ((short\$ reduc\$) near (row))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:53
S68	5	S67 not S66	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 19:59

## EAST Search History

S69	1744	(c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer utter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:00
S70	18	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer utter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and (horizontal near parit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:00
S71	115	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer utter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (ECC parit\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:01

## EAST Search History

S72	76	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer utter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (parit\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:01
S73	78	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer utter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (parit\$3))"ab."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:01
S74	4	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer utter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (parit\$3)))"ab."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:01

## EAST Search History

S75	5	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (parit\$3))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:07
S76	0	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (parit\$3))) and (punctur\$3 near row)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:07
S77	0	((c1 adj (encoder code coder encoded encoding coded coding) and c2 adj (encoder code coder encoded encoding coded coding)) ("c.sub.1" adj (encoder code coder encoded encoding coded coding) and "c.sub.2" adj (encoder code coder encoded encoding coded coding)) (inner adj (encoder code coder encoded encoding coded coding) and (outer outter) adj (encoder code coder encoded encoding coded coding)) (P adj (encoder code coder encoded encoding coded coding) and Q adj (encoder code coder encoded encoding coded coding))) and ((row horizontal) near (parit\$3))) and (punctur\$3 near row\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:08

## EAST Search History

S78	1370	714/758.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:08
S79	80	714/758.ccls. and ((row horizontal) near (cod\$3 ECC parit\$3)).	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:09
S80	7	714/758.ccls. and ((row horizontal) near (cod\$3 ECC parit\$3)) and (punctur\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 20:09
S81	1465	714/758.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/26 18:46
S82	856	714/755.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:42
S83	1111	(encod\$3 cod\$3) with ((reduc\$5 short\$6) near ("code word" codeword codewords "code words"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:44
S84	1153	(encod\$3 cod\$3) with ((reduc\$5 short\$6) near ("code word" codeword codewords "code words" "code block" "code blocks" codeblock codeblocks))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:45
S85	170	(encod\$3 cod\$3) with ((reduc\$5 short\$6) near ("code word" codeword codewords "code words" "code block" "code blocks" codeblock codeblocks)) and parit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:45
S86	31	(encod\$3 cod\$3) with ((reduc\$5 short\$6) near ("code word" codeword codewords "code words" "code block" "code blocks" codeblock codeblocks)) same parit\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 13:45